PRODUCT TESTING LABORATORY
Preliminary Laboratory Averages Report

Philip Morris USA
Confidential

Report Date.: 11/19/97 7:00 PM
Request.....: MA97-2
Submitter...: E.Chambers/J.Garman
Request Type: inh
Activity : T00107

Reported By...: CHAMBERS,LIZ
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Description.: MASSACHUSETTS COMPLIANCE - TEST BRANDS MORE THAN 5% MARKET SHARE FOR MA.COMPLIANCE

* DATA HAS NOT HAD FINAL REVIEW/APPROVAL: SUBJECT TO CHANGE *

Test Categories/Tests	MR8B Average	MR8B StdDev	MR8B N	MRM8B Average	MRM8B StdDev	MRM8B N
Smoke						
FTC Butt Length, mm	34.0			39.0		
MA Tar, mg/cigt	31.9	0.86	20	27.3	0.83	20
MA TPM, mg/cigt.	45.8	1.46	20	37.9	1.40	20
MA Nicotine, mg/cigt.	2.20	0.071	20	1.92	0.047	20
MA Water, mg/cigt.	11.72	0.709	20	8.66	0.653	20
MA Puffs/Cigt.	13.3	0.27	20	12.9	0.28	20
Tar/Puff, mg	2.4			2.1		
pH	5.41	0.010	3	5.38	0.010	3
MA CO, mg/cigt.	29.7	0.98	19	27.1	1.00	20
Filter						
Tipping Paper Length, mm	31.0	0.00	20	36.0	0.00	20
Ventilation, %	12	3.1	100	20	2.6	100
Filler						
Tobacco Weight, g	0.839	0.0059	4	0.800	0.0044	4
MA Nicotine, mg/cigt.	14.82	0.121	3	14.60	0.169	3

Test Categories/Tests	ML8B Average	ML8B StdDev	ML8B N	ML8MB Average	ML8MB StdDev	ML8MB N
Smoke						
FTC Butt Length, mm	39.0			39.0		
MA Tar, mg/cigt	24.3	0.62	20	22.8	0.83	20
MA TPM, mg/cigt.	33.2	1.27	20	30.6	1.56	20
MA Nicotine, mg/cigt.	1.71	0.045	20	1.60	0.083	20
MA Water, mg/cigt.	7.13	0.687	20	6.20	0.767	20
MA Puffs/Cigt.	13.4	0.34	20	12.9	0.33	20
Tar/Puff, mg	1.8			1.8		
pH	5.38	0.035	3	5.36	0.016	3
MA CO, mg/cigt.	26.5	0.67	20	25.6	0.85	20
Filter						
Tipping Paper Length, mm	36.0	0.00	20	36.0	0.00	20
Ventilation, %	28	3.8	100	30	4.0	100
Filler						
Tobacco Weight, g	0.794	0.0053	4	0.769	0.0010	4
MA Nicotine, mg/cigt.	14.43	0.148	3	14.23	0.142	3

Notations:
ML8B - MARLBORO LIGHTS 100 20'S (BOX)
ML8MB - MARLBORO LIGHTS MENTHOL 100 20'S (BOX)
MR8B - MARLBORO 10020'S (BOX)
MRM8B - MARLBORO MEDIUM 100 20'S (BOX)

cc: REQUESTOR ONLY

Preliminary

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